

GEOLABS-WASHINGTON, Inc.

Foundation and Soils Engineering, Geolo
12893 N.E. 15th Pl. • Bellevue, Washington 98005 • (206) GL 5-2
502 So. 11th St. • Tacoma, Washington 98402 • (206) BR 2-4

July 17, 1972

W-786-32

Mel Streeter and Associates
103 Bellevue Avenue East
Seattle, Washington 98102

Attention: Paul Dermanis

Re: FAA Building

Gentlemen:

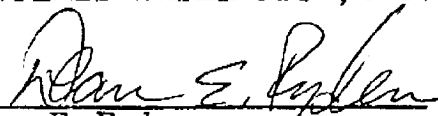
As requested, we have reviewed the groundwater and drainage situation for the FAA Regional Headquarters Building.

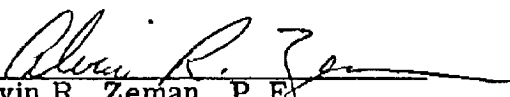
We estimate that the quantity of water that would flow into the sump from the drainage network would be approximately 200 - 300 gallons per minute for the most extreme case (that is, when the groundwater is highest). With the many variables and lack of actual measurements for this determination, a very accurate number for the flow is difficult to obtain. Therefore, the number stated above represents our best determination for an estimated two feet of drawdown with 6-inch perforated pipes spaced 20 feet, on centers. If conditions are encountered during construction which are quite different from those anticipated at this time, field modifications can be made during construction.

If any further questions arise, please do not hesitate to call.

Respectfully submitted,

GEOLABS-WASHINGTON, INC.


Dean E. Ryden


Alvin R. Zeman, P.E.



DER/mh